



2*N Female 5.8G 5150-5850M Wifi 12dBi Dual Polarized Directional Antenna Coal Mine

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Leenz
- Certification: RoHs
- Model Number: LZANT-10288-A
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: T/T
- Supply Ability: 5K per day



Product Specification

- Frequency: 5150-5850MHz
- VSWR: <2.0
- Peak Gain: 12dBi
- Impedance: 50
- Highlight: 5.8 ghz directional antenna,
12dBi directional antenna,
dual polarized directional antenna



More Images



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Product Description

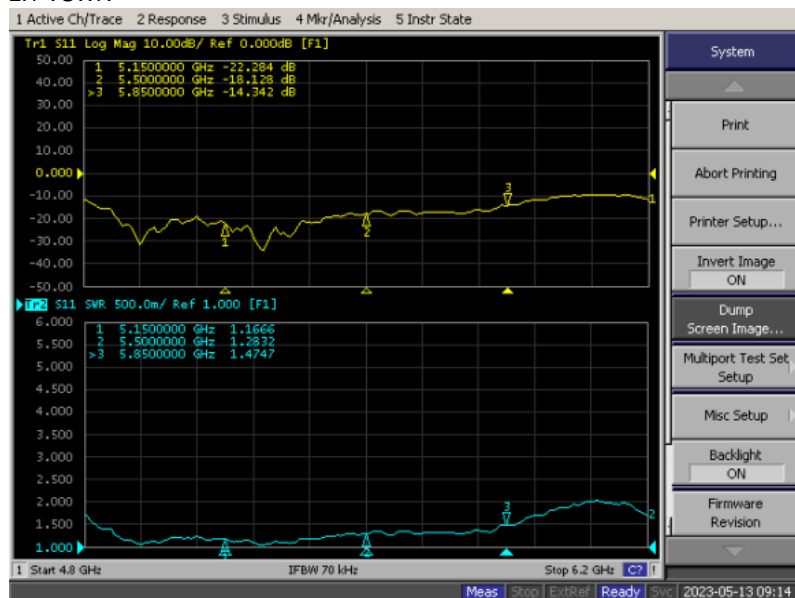
2*N female 5.8G 5150-5850M wifi 12dBi dual-polarized coal mine directional antenna

1. Specification

A. Electrical Characteristics	
Frequency	5150-5850MHz
S.W.R.	≤ 2.0
Antenna Gain	12dBi
Polarization	H+V
Horizontal Beamwidth	$35\pm 5^\circ$
Vertical Beamwidth	$35\pm 5^\circ$
F/B	$>25\text{dB}$
Impedance	50Ohm
Max. Power	50W
B. Material & Mechanical Characteristics	
Connector Type	2*N Female connector
Dimension	186*186*28mm
Radome material	ABS
Weight	0.9Kg
C. Environmental	
Operation Temperature	- 40 °C ~ + 85 °C
Storage Temperature	- 40 °C ~ + 85 °C
Operation Humidity	95%
Rated Wind Velocity	36.9m/s

2. Antenna - S Parameter Test Data

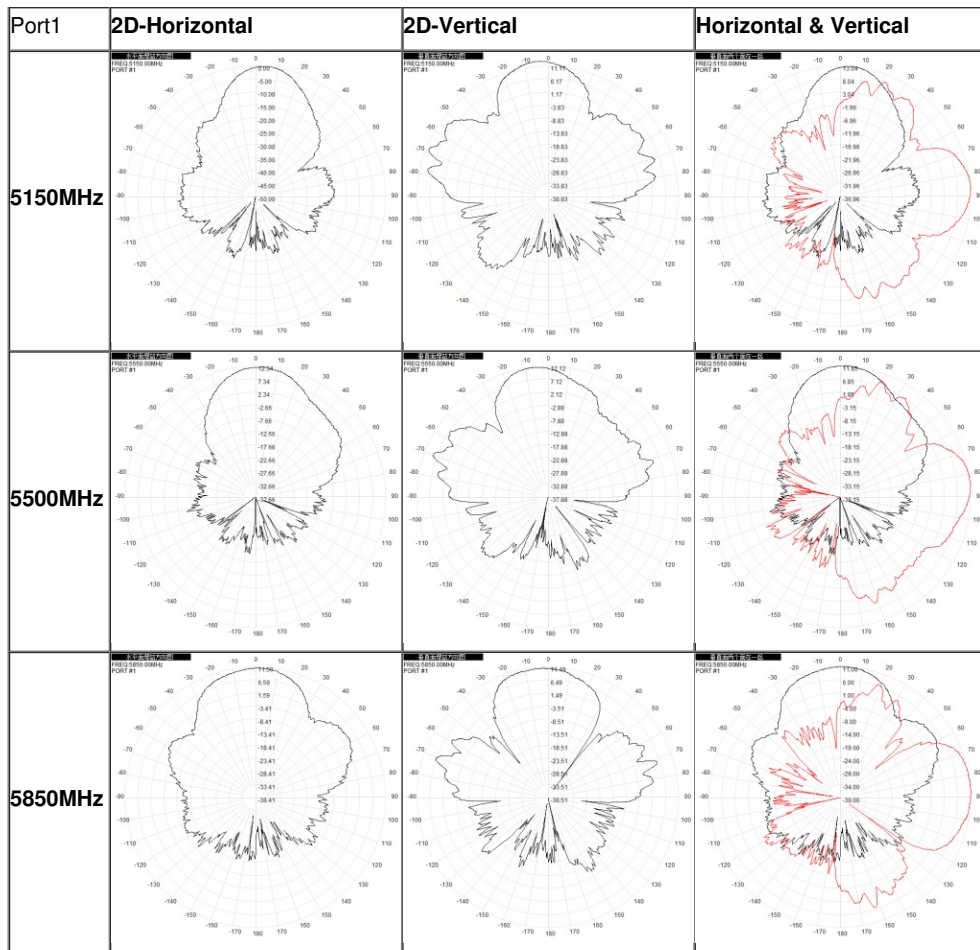
2.1 VSWR



2.2 Total Efficiency & Gain:

Port 1 – H		Port 2 – V	
Frequency(MHz)	Gain(dBi)	Frequency(MHz)	Gain(dBi)
5150	13.0	5150	11.5
5200	12.9	5200	11.5
5250	12.6	5250	11.2
5300	12.6	5300	11.3
5350	12.6	5350	11.3
5400	12.7	5400	11.4
5450	12.5	5450	11.6
5500	12.3	5500	11.8
5550	12.0	5550	11.9
5600	12.2	5600	12.3
5650	12.0	5650	12.5
5700	11.8	5700	12.3
5750	11.7	5750	12.2
5800	11.6	5800	12.1
5850	11.2	5850	11.9

2.3 Radiation Pattern



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